



HP Pavilion 17-f004dx Screen Replacement

This guide will show you how to replace your device's screen.

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INTRODUCTION

This guide outlines how to remove and replace your device's screen. Please follow this guide only if your original screen is beyond repair and replacement is absolutely necessary.




TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Metal Spudger](#) (1)
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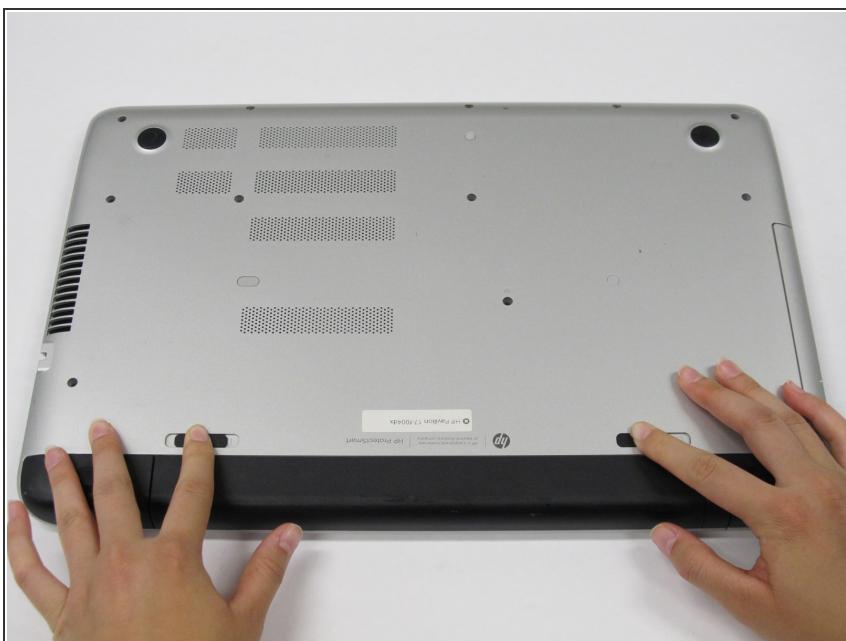
Step 1 — Battery



 Before you remove the battery, make sure the laptop is powered off.

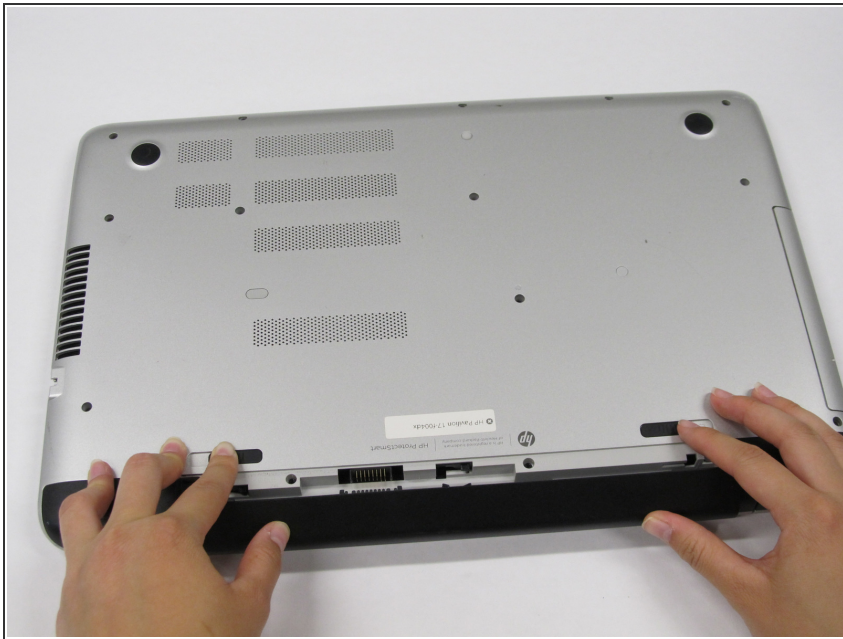
- Rotate the laptop so the back panel is facing up.

Step 2



- Slide the black battery latches inward to remove the battery.

Step 3



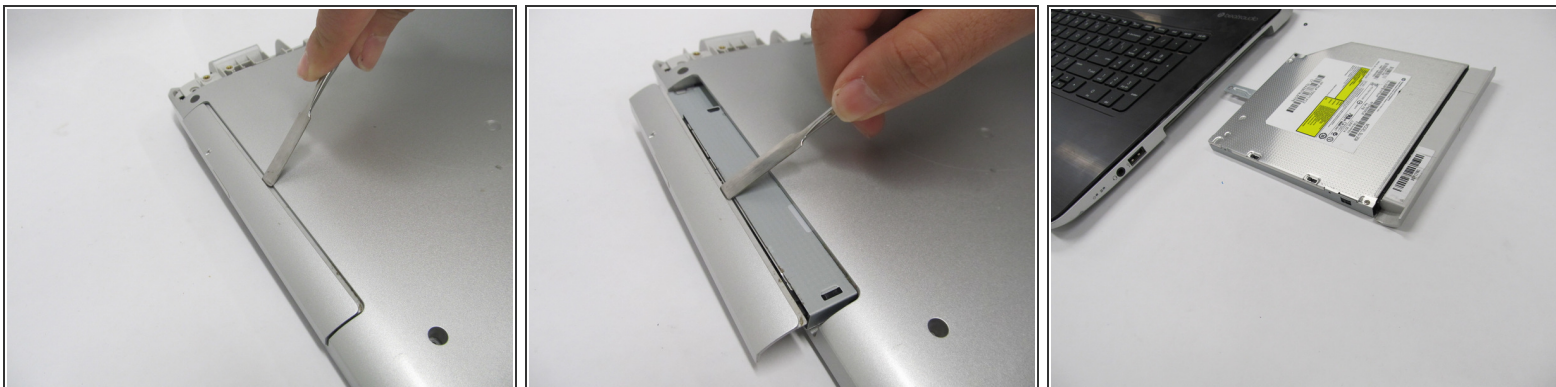
- Pull the battery out towards you while your fingers are still holding the latches in place.

Step 4 — CD Drive



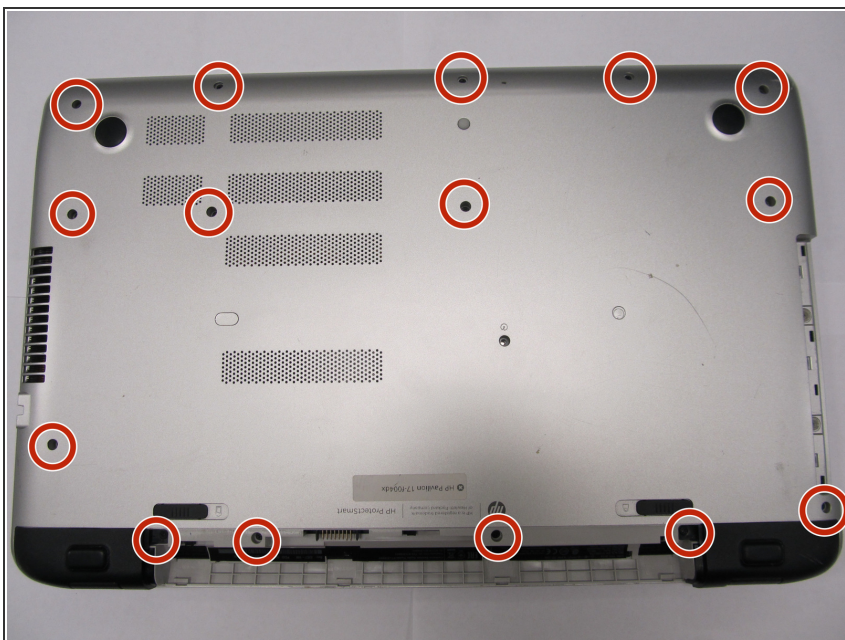
- Remove one 7 mm screw with a Phillips 1 screwdriver.

Step 5



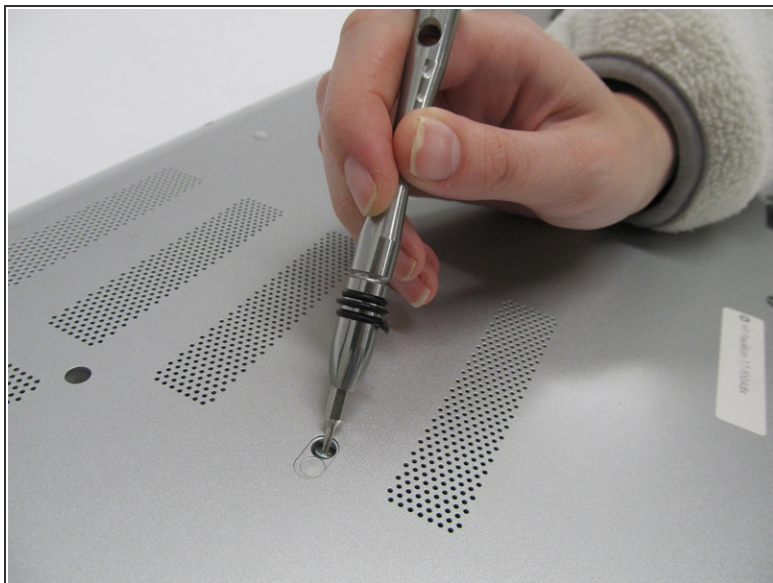
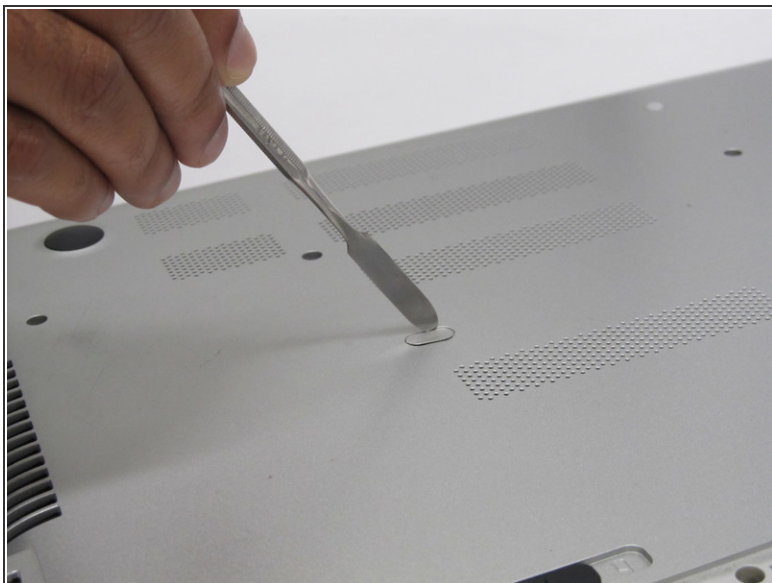
- Use a metal spudger to push the CD drive out of its slot for removal.

Step 6 — Front Panel



- Remove fifteen 7 mm screws with a Philips 1 screwdriver.

Step 7



- Remove the thin plastic cover using the flat metal spudger to expose another screw.
- Remove one 7 mm screw with a Phillips 0 screwdriver.

Step 8



- Use a metal spudger to remove the rubber "feet" to expose two screws.

Step 9



- Underneath each rubber foot, there is a screw.
- Use the Phillips 1 screwdriver to remove a 4.8 mm screw on each side.

Step 10



- Remove the two black end caps to expose more screws.
- ⓘ The end caps will require some force to remove.

Step 11



- Remove the following six screws with a Phillips 1 screwdriver:
 - Two 7 mm screws.
 - Two 7 mm screws.
 - Two 4.8 mm screws.

Step 12



- Remove two 2.4 mm broadhead screws from the CD Drive bay with a Phillips 0 screwdriver,

Step 13



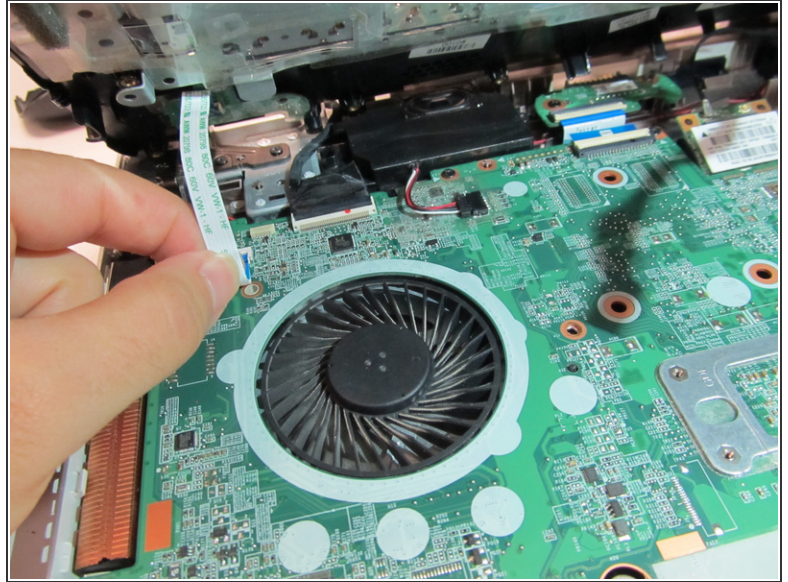
- Flip the laptop back over. Then, with the laptop open, move the plastic prying tool around the top cover to pry it from the enclosure.

Step 14



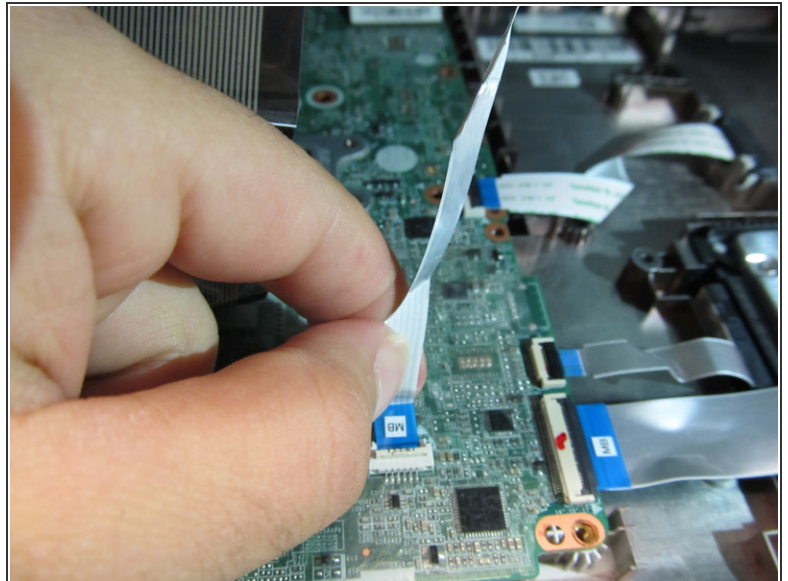
- Partially lift the top cover from the enclosure.

Step 15



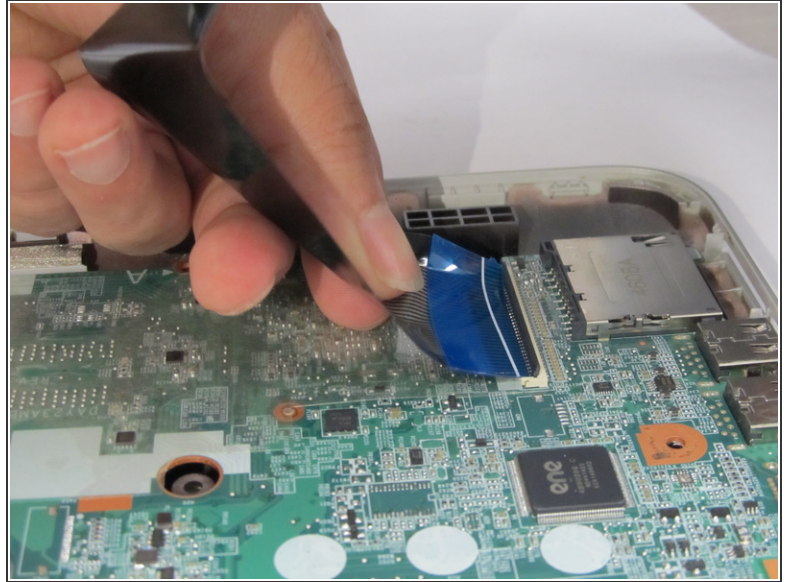
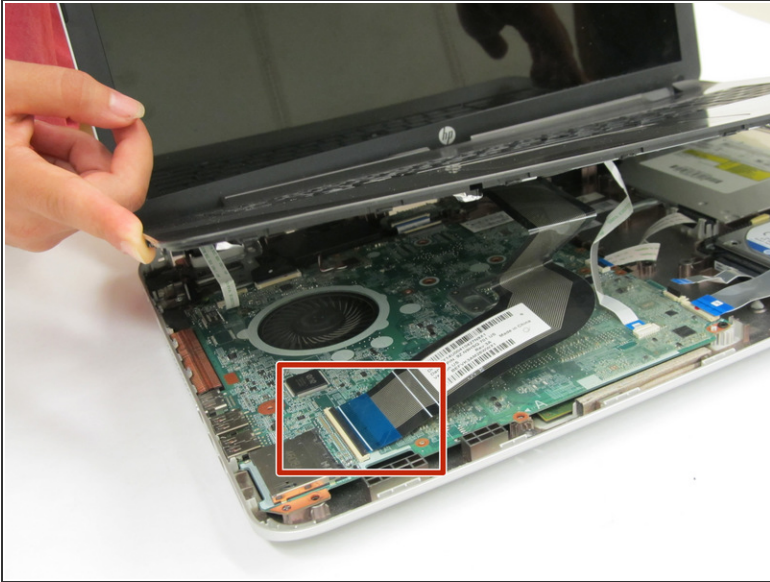
- Remove the ribbon connecting the power button to the motherboard.

Step 16



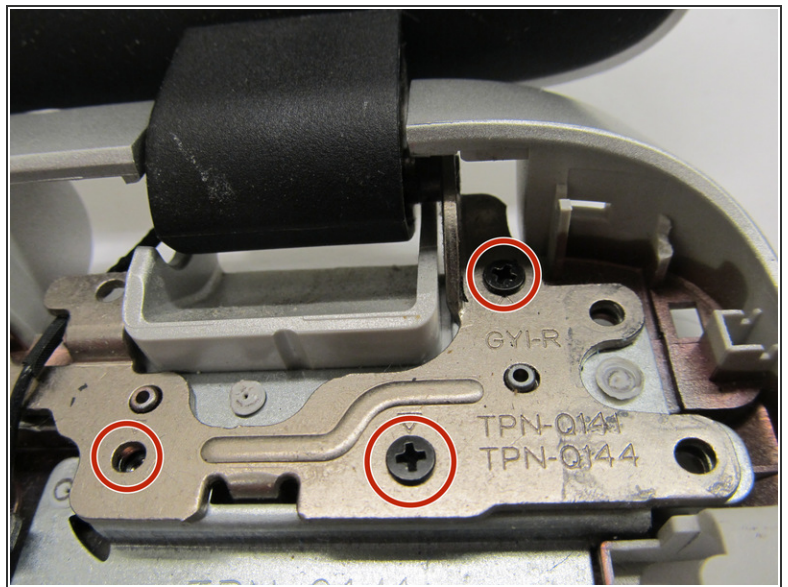
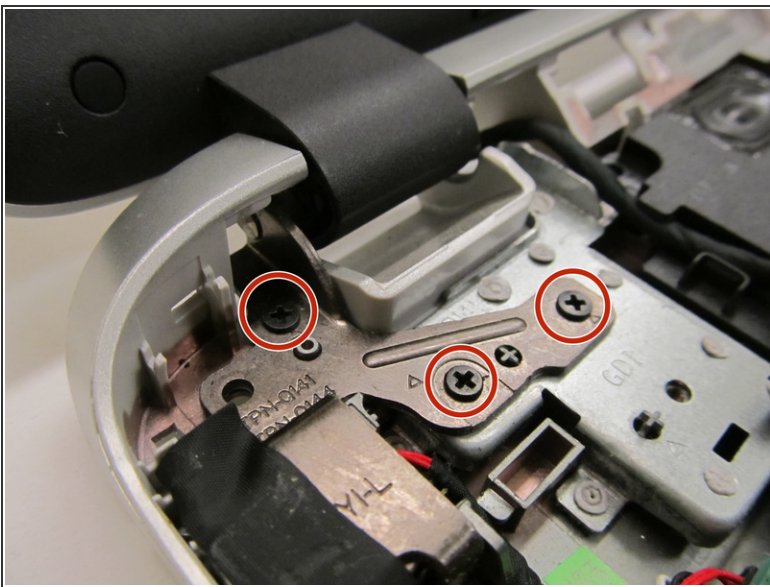
- Remove the ribbon connecting the mousepad to the motherboard.

Step 17



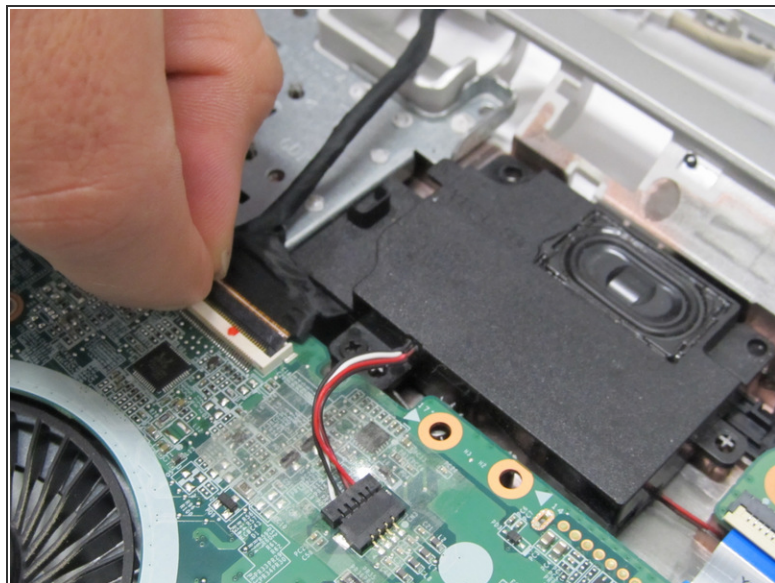
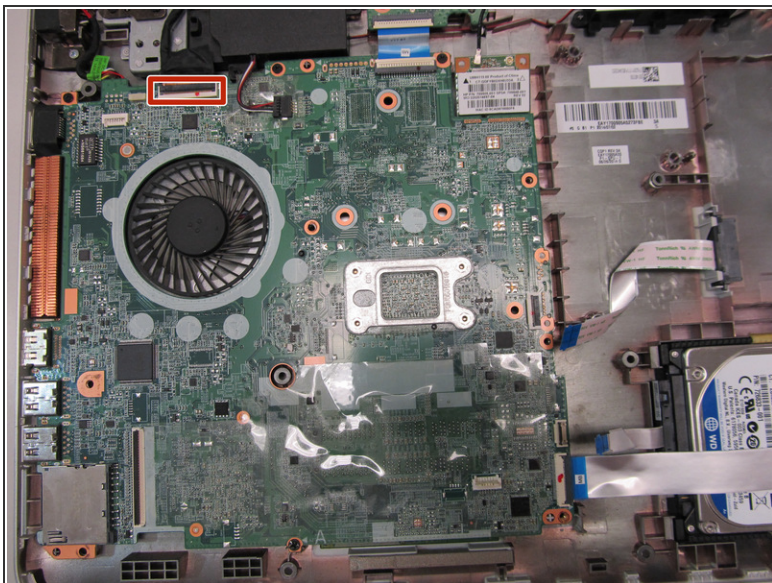
- Remove the ribbon connecting the keyboard to the motherboard.
- You may now fully lift the front panel from the rest of the laptop.

Step 18 — Screen



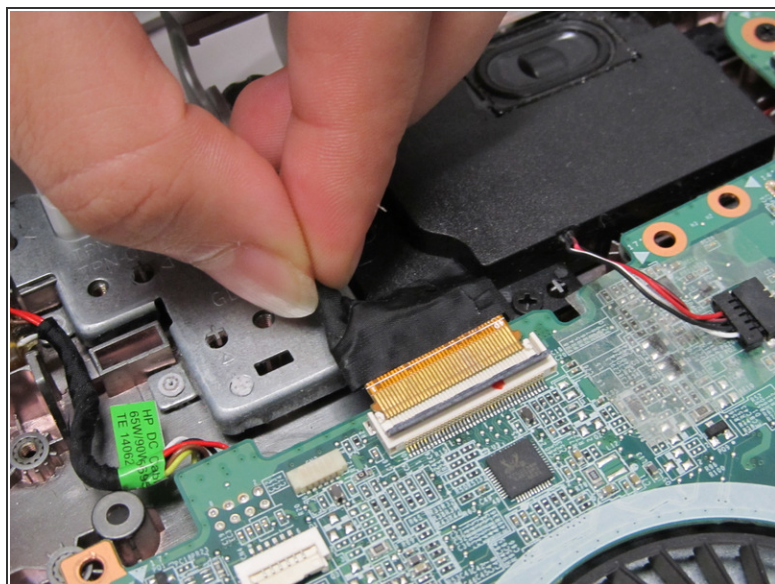
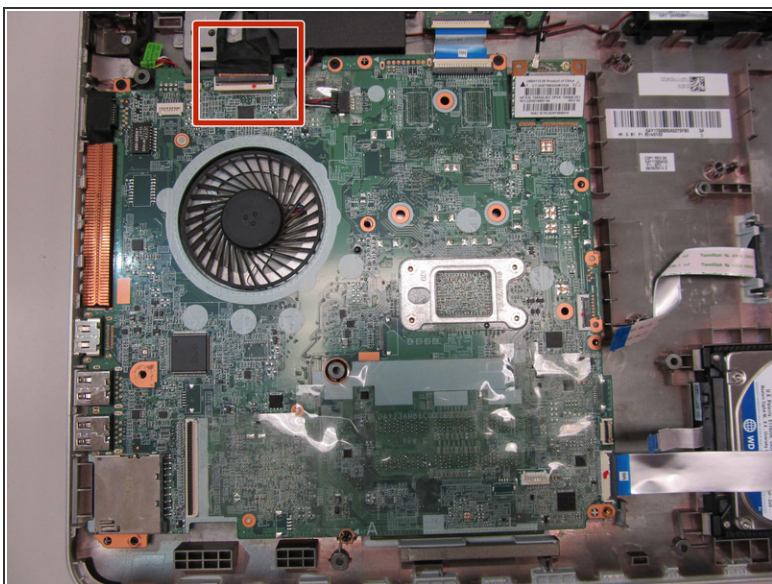
- There is a metal component connecting the screen to the casing underneath each hinge.
 - Remove three 5.6 mm screws with a Phillips 1 screwdriver on each side.

Step 19



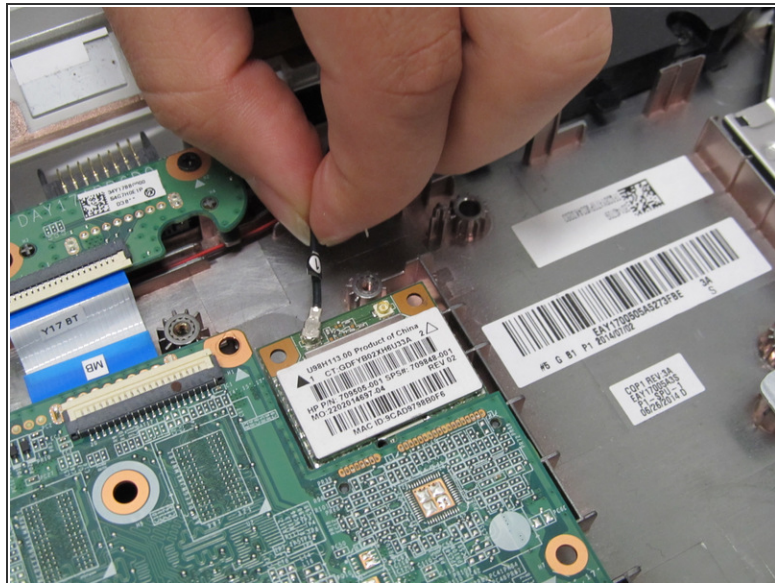
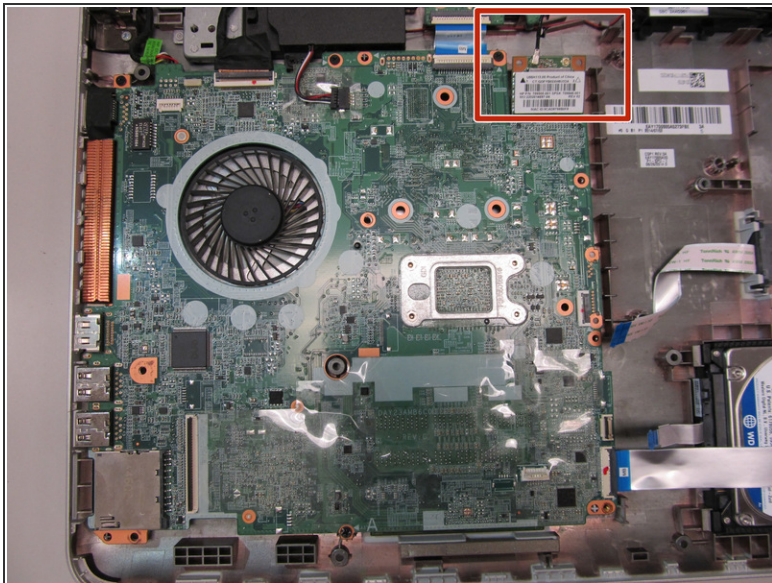
- Lift the black retaining flap to remove the black cable connecting the screen to the motherboard.

Step 20



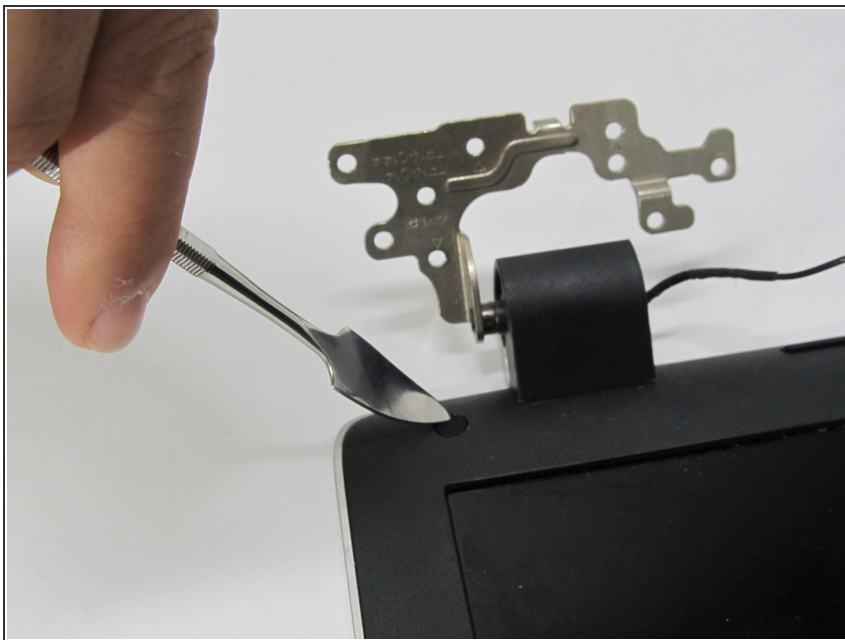
- Gently remove the black ribbon that was connected to the black flap.

Step 21



- Locate the thin black wire that trails from the screen and remove it from the motherboard.

Step 22



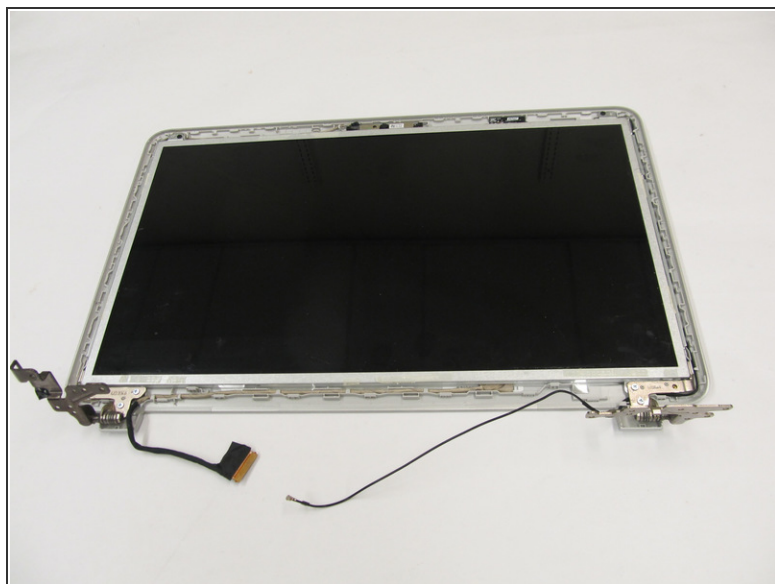
- Remove two small rubber covers on the bottom right and left edges of the screen enclosure using a metal spudger to expose two screws.

Step 23



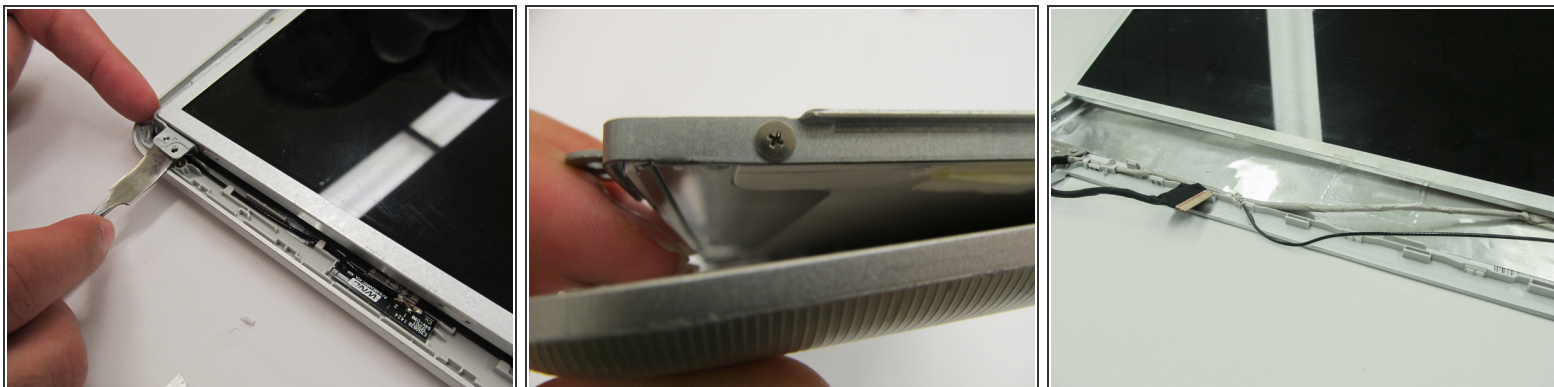
- Remove one 5.6mm screw with a Phillips 1 screwdriver from each side of the bottom screen.

Step 24



- Use a metal spudger to remove the plastic casing from the perimeter of the screen.

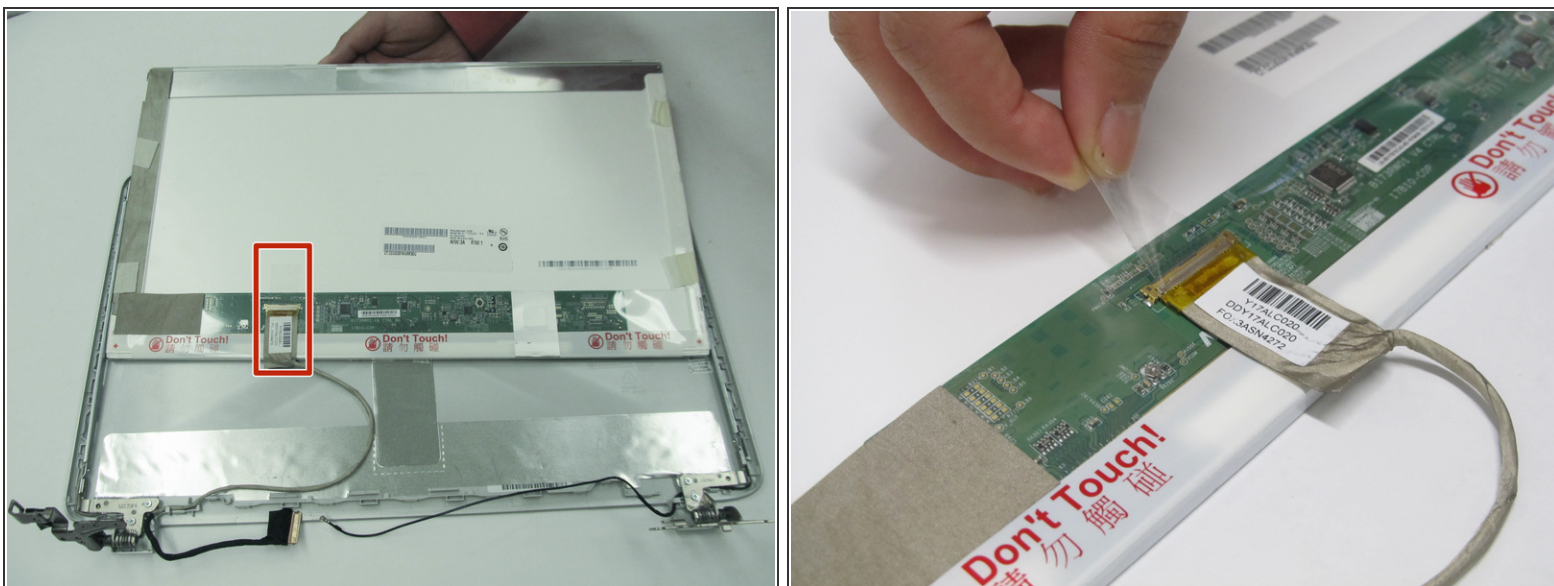
Step 25



⚠ Be careful not to damage the wires.

- Use a metal spudger to partially remove the screen from the plastic case.

Step 26



⚠ Do not touch the circuit board directly.

- Flip the screen over and remove the tape that holds down the ribbon.

Step 27



- Pull the ribbon away from the screen.

To reassemble your device, follow these instructions in reverse order.

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